

SIWICKI, Kazimierz, mgr inz.

For an international language in sciences. Przegl techn 85
no.3:5 19 Ja '64.

SIWICKI, Kazimierz

New terms in international electric terminology. Przegl
elektrotechn 40 no.12:517 D '64.

SIWICKI, R.:

POLAND

"Radiographic Spot-Weld Control."

SO: Prace Instytut Radiotechniki. Vol.5, No. 15, 1956.

SIWICKI, S.

✓ Green manuring in the cultivation of sugar beet. J. Miczyński and S. Siwicki (Roczn. Nauk rol., 1954, 70, A, 251-281).—Catch-crop green manuring with field peas or spring vetch increased sugar beet yields by approx. 2-3 of the increase produced by the customary application of farmyard manure. Summer-grown lupin also gave good results on podsol. Serradella-crimson clover mixtures, white mustard and buckwheat induced little response. Summer crops of field peas and other legumes slightly increased root yields but lowered the sugar content of the roots: a peas-buckwheat mixture produced a similar increase in roots and tops but also raised the sugar content. Best results were obtained with leguminous green crops supplemented with a small dressing of farmyard manure. Beneficial effects of legume stubble are probably limited to an increased yield of tops. Org. materials are preferably ploughed in in late autumn.

A. G. POLLARD.

AG

(1)

SIWICKI, Stanislaw

Comparison of various practices during the cultivation of sugar beets. Rocznik nauk rolniczych 81 no.1:47-103 '60. (EEAI 9:10)

1. Zaklad Buraka i dwu innych Roslin Korzeniowych, Instytut Hodowli i Aklimatyzacji Roslin, Bydgoszcz, Kier. Prof. dr. St. Rosnowski.
(Poland--Sugar beets)

MICZYNISKI, Jan; SIWICKI, Stanislaw

Manurial catch crop in cultivation of sugar beets. Pt.2.Catch crop
seedlings. Rocznik nauk rolniczych 83 no.2:311-348 '60.
(EEAI 10:9/10)

1. PAN-WNRIŁ - Instytut Hodowli i Aklimatyzacji Roslin.

(Beets and beet sugar) (Cover crops)

KRASUCKI, Stanislaw; SIWICKI, Stanislaw

Interrow mellowing of the soil in sugar beet cultivation. Rocznik nauk roln. rosl. 86 no.3:477-492 '62.

1. Instytut Hodowli i Aklimatyzacji Roslin, Zaklad Buraka i Innych Roslin Korzeniowych, Bydgoszcz.

MICZYNSKI, Jan [deceased]; SIWICKI, Stanislaw

Manuring catch crops in sugar-beet cultivation. Pt. 3. Rocznik nauk roln. 87 no.1:63-89 '62.

BARDZINSKI, St.; KWIATON, Zb.; SIWICKI, St.

Experiment in mineral fertilizing of sugar beets adjusted to
the amount of precipitation in the vegetative period of the
beets. Rocznik roln 87 no.4:717-740 '63.

ZIERSKI, Marian, MOKRZYCKI, Mikolaj, SIWINSKA, Irena

Results of treatment of pulmonary tuberculosis in adults with antimicrobial drugs together with ACTH and cortisone. Gruzlica 25 no.5:269-286
May 1958

1. Z Kliniki Ptyzjatrycznej w Lodzi Instytutu Doskonalenia i Specjalizacji
Lekarskich. Kierownik: doc dr med. M. Zierski. Adres: Lodz, ul.
Marutowicza 37.

(TUBERCULOSIS, PULMONARY, ther.

ACTH & cortisone with antituberc. drugs, results (Pol))

(ACTH, ther. use.

tuberc., pulm., with antituberc. drugs (Pol))

(CORTISONE, ther. use

same (Pol))

SIWINSKA, Irena

Tuberculous meningoencephalitis in adults. Therapeutic results
and prognosis. Gruzlica 31 no.4:323-330 '63.

1. Z Kliniki Ftizjatrycznej Studium Doskonalenia Lekarzy AM
i ze Szpitala Specjalistycznego im. Dr A. Sokolowskiego w
Lodzi Kierownik: prof. dr med M. Zierski.

(TUBERCULOSIS, MENINGEAL) (ANTITUBERCULAR AGENTS)
(PROGNOSIS)

SIWINSKA, Irena

A case of Lofgren's syndrome. Gruzlica 31 no.9:995-998 '63.

l. Z Kliniki z Ftizjatrii Studium Doskonalenia Lekarzy AM w
Szpitalu im. dr A. Sokolowskiego w Lodzi Kierownik: prof.
dr med. M. Zierski.

(LUNG DISEASES) (LYMPH NODES)
(SARCOIDOSIS) (ERYTHEMA)

ZIERSKI, Marian, BEK, Eugenia; SIWINSKA, Irena; WOZNIAK, Stefania

One-year results of antibacterial therapy of recently discovered
cavernous pulmonary tuberculosis. Gruzlica 32 no.2:97-105 F'64

1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia Lekarzy
AM w Lodzi; Kierownik: prof.dr.med. M.Zierski.

*

MARCINIĄKOWNA, Ewa; KRAKOWSKA-RECHNICOWA, Jadwiga; SIWINSKA, Maria;
KUS, Henryk; KAWĘCKI, Karol

Secondary deficiency of antihemophilia globulin B in gastric
cancer with metastases and thrombopenia. Pat. polska 7 no.2:
147-157 Apr-June 56.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej A.M. we Wrocławiu
Kierownik: prof. dr. H. Kowarzyk. Z III Kliniki Chirurgicznej A.M.
we Wrocławiu Kierownik: doc. dr. Z. Jezioro. Z Zakładu Anatomii
Patologicznej A.M. we Wrocławiu, Kierownik: prof. dr. Z. Albert,
Adres autora: Wrocław, Zakl. Pat., Marcinkowskiego 1.

(HEMORRHAGIC DIATHESIS, complications,
secondary antihemophilic globulin defic. in gastric cancer
with metastases & thrombopenia (Pol))

(STOMACH NEOPLASMS, complications
same)

(BLOOD PLATELETS,
thrombopenia with antihemophilic globulin defic. &
gastric cancer with metastases (Pol))

KRAKOWSKA-RECHNICOWA, Jadwiga; MARCINKOWNA, Ewa; SIWINSKA, Maria;
BUDZYNSKA, Agnieszka

Comparison of a case of antihemophilic globulin B deficiency
with proconvertin deficiency. Polskie arch. med. wew. 26 no.
9:1425-1437 1956.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej, Kierownik:
prof. dr. med. H. Kowarzyk i z I Kliniki Chorob Dziecięcych
Kierownik: prof. dr. med. H. Hirschfeldowa, Akademii Medycznej
we Wrocławiu, Adres autora: Wrocław, ul. Marcinkowskiego 1.
(HEMOPHILIA, case reports,
antihemophilic globulin B defic., comparison with
proconvertin defic. (Pol))

RECHNIC, Mendel; SIWINSKA, Maria; CZERWINSKA, Barbara

Fibrinolysis & thrombinogenesis. Arch. immun. ter. dosw. 5:347-361
1957.

(FIBRIN

fibrinolysis, relation to thrombinogenesis (Pol))

(THROMBIN

thrombinogenesis, relation to fibrinolysis (Pol))

KOWARZYK, H.; RECHNIC, M.; SIWINSKA, M.; CZERWINSKA, B.

Physiological activation of fibrinolysin in the blood. *Acta physiol. polon.* 8 no.3:391-393 1957.

1. z Zakladu Patofizjologii Instytutu Immunologii i Terapii Doswiadczonej PAN im. L. Hirschfelda oraz z Zakladu Patologii Ogolnej i Doswiadczonej A. M. we Wroclawiu.

(**PIBRINOLYSIN.**
physiol. activation (Pol))

Prace naukowe PL
KANIAK, Jozef; SIWINSKA, Maria; KRAKOWSKA-RECHNICOWA, Jadwiga; IWANKIEWICZ,
Stanislaw; KORNISZEWSKI, Waclaw

Daily variations of fibronolysis. Postepy hig. med. dosw. 11 no.3:
355-357 1957.

1. Zaklad Patologii Ogolnej i Doswiadczałnej AM Wrocław, ul Marcinkow-
skiego 1/3 Zaklad Interny Instytutu Doskonalenia i Specjalizacji Kadra
Lekarskich Oddzial we Wrocławiu Glowny Osrodek Badan Lotniczo-Lekarskich
przy Aeroklubie PRL.

(**FIBRIN**,
fibrinolysis, daily variations (Pol))

SIWINSKA-GOLEBIOWSKA, Henryka

2 case of acrodynia treated with serpasil. Polski tygod.lek. 15
no.14:513-515 4 Ap '60.

1. Z Oddzialu Klinicznego Obserwacyjnego; kierownik: prof.dr
J.Raszek Instytutu Matki i Dziecka w Warszawie, dyrektor: prof.
dr n.med. Fr. Groer.

(ACRODYNIA ther.)
(RESERPINE ther.)

KOWARZYK, Halon; SIWINSKA-KOTSCHY, Maria; GLOGOWSKA, Irena; CZERWINSKA, Barbara

Antithrombin product of fibrinogenolysis and fibrinolysis. Postepy.
hig. med. doswm 12 no.3:303-306 1958.

1. Zaklad Patologii Ogolnej i Doswiadczałnej AM Wrocław, ul. Marcin-
kowskiego 1/3 oraz Instytut Immunologii i Terapii Doswiadczałnej PAN
im. Ludwika Hirszfelda Wrocław, ul. Chalubinskiego 4.

(FIBRINOGEN.

antithrombin deriv. (Pol))

(FIBRIN.

same)

SIWINSKA-KOTSCHY, Maria; GLOGOWSKA, Irena

Determination of fibrinolysis in blood clot. Postepy hig. med. dosw.
12 no.5:533-536 1958.

1. Zaklad Patologii Ogolnej i Doswiadczałnej AM Wrocław, ul. Marcinkow-
skiego 1/3.
(FIBRIN,
fibrinolysis in clot (Pol))

SIWINSKI, J.

"Automatization of the Main Dewatering System of the Colliery." p.428
(PRZEGLAD ELEKTROTECHNICZNY Vol. 29, no. 10, Oct. 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

16.4000
P/031/62/007/001/015/021
D265/D308

AUTHOR:

Siwiński, Jerzy

TITLE:

Synthesis of multi-stage systems with time-delay elements

PERIODICAL: Archiwum automatyki i telemechaniki, v. 7, no. 1-2,
1962, 295 - 316

TEXT: The synthesis described here aims at obtaining the desired sequence of operations and time of duration of various stages. The programming of multi-stage systems with common elements is explained and analyzed. The time-delay elements with extended operating time t_d and with extended release time t_z are distinguished; also those with both t_d and t_z delayed simultaneously are considered. Different methods of synthesis are employed when time-relays are used to control the multi-stage systems. It is shown that taking into account the parameters of such relays additional time-delay elements are necessary to supplement the system. This is evident from the

Card 1/2

✓ B

SIWINSKI, Jerzy

Synthesis of the automatic control system of the switching apparatus
of production lines. Automatyka Gliwice no.1:93-116 '61.

1. Katedra Elektryfikacji Kopaln, Politechnika Slaska, Gliwice.

SWINSKI, Jerry, dec. ac inv.; 179415001, Atlanta, Ga.

Automatic control and density regulation device for flotation
feeding. Przegl gorn 26 no.10;Suppl.;Rini Glow inst gorn 14
no.3:35-36 '64.

SWIĘCICKI, Jerzy; SWIĘCICKA, Barbara

Automatic density regulation of the coal charge for flotation.
Gliwice: Gliwice University, 1984.

i. Department of Automation of Production Processes of the
Silesian Technical University, Gliwice.

MAJEWSKI, Czeslaw; LEJA, Zbigniew; SZULC, Henryk; STENGERT, Krzysztof;
SIWINSKI, Stefan

Histochemical studies on alkaline and acid phosphatase in the
liver of patients operated on for cancer of the abdominal
organs. Pat. polska 14 no.4:479-485 0-D'63

1. Z Zakladu Anatomii Patologicznej Szpitala Miejskiego im.
J.Strusia w Poznaniu (kierownik: dr.med. C.Majewski) i w III.
Kliniki Chirurgicznej AM w Poznaniu (kierownik: prof.dr.med.
A.Piskorz).

PLAIN

STĘPIŃSKI Stefan, Department of Pathological Anatomy (Zakład Anatomii Patologicznej), Municipal Hospital (Szpital Miejski) im. J. Strusia in Poznań (Director: Dr. med. C. MAJEWSKI) "A Parathyroid Tumor with Symptoms of Hyperactivity in the Form of Recklinghausen's Disease." Warsaw-Krakow, Przegląd Lekarski, Vol 10, Ser II, No 6, 24 Jun 63, pp 257-260

Abstract: [Author's English summary] The author describes the case of a parathyroid adenoma, consisting of main dark and main light cells, and giving the clinical picture of Recklinghausen's Disease. There are 5 references, one each Polish and German, and 3 in English.

1/1

SIWKOWSKA, Janina, dr

The creator of the monuments of Copernicus and Poniatowski.
Problemy 19 no.1:34-39 '63.

SIWON, B.

"Department of Accounting of the School of Economics is cooperating with the milling industry" (p. 28). GOSPODARKA ZBOZOWA (Polskie Wydawnictwa Godpodarcze) Warszawa, Vol 4, No 4, April 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

SIXTA, Antonin

SIXTA, Antonin

Vykonove normovani praci na lisech; prirucka pro normovace; normovani prace na strojich pro zpracovani plechu ... 2. opravene vyd. Praha, Prace; vydavatelstvo ROH, 1951. 134 p. (Technicke prirucky Prace, sv. 68) Efficiency Standards for Work on Stamping Machines; Standardization of Work on Machines for Sheet-metal Work, Creation of Standards, and Chronometry. bibl., diagrs., subject index

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

SIXTA, J

M-3

CZECHOSLOVAKIA/Cultivated Plants - Potatoes,
Vegetables, Melons.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 1079⁴

Author : Zadina, J. Sixta, J.

Inst : -
Title : The Correlation Between Starch Content and Productivity
of Industrial Potato Varieties.

Orig Pub : Sbor. ceskosl. akad. zemed. ved. Rada-Rostl. výroba,
1956, 29, No 2, 173-180

Abstract : A negative correlation has been found between starch con-
tent and productivity.

Card 1/1

9

Z/031/61/009/002/002/008
A205/A126

ARTICLES: Trachta, K. and Sixta, J.

Machineing of rectangular holes with a broach.

TITLE: *Pracovník*
PERIODICAL: *S-rojírenská výroba*, v. 9, no. 2, 1961, 69 - 70

PERIODICAL: Srojirnitska vystavka, 1960.
 TEXT: A simplified method for simultaneous machining of all holes for carbon brushes in the brush holders by breaking on a hydraulic press is applied since 1959 at the "OKD - Praha", National Enterprise, Branch Plant "Stalingrad". Formerly, each hole was drilled and sized separately, which was rather uneconomical and inaccurate. An obsolete hydraulic standard press for fireclay tiles was adjusted for precise sizing (Fig. 1). The table (1) is lifted (maximum 160 mm) through lever (2), controlling the distribution valve (3), and is moved back by 4 draw-springs (5). The breaking tool is hydraulically clamped between the fixed jaw (12) and the moving jaw (11). Jaw motion is controlled by the hand-operated valve (14), the cylinder (7) and the piston (8). The hydraulic unit consists of the tank (15), the lid (16), the giermotor (17) and a "JHZD 40x4" high-pressure pump system, comprising the main pump (40 liters/min) for table lift, and the auxiliary pump (4 liters/min) for the clamping device. The main pump has a

Carte : 14

Z/031/61/009/002/002/008
A205/A126

Machining of rectangular holes with a broach

50 atm relieve valve, the auxiliary pump a 10 atm relieve valve. The jig (21) is shown in Fig. 2. It consists of the base plate (1), 2 guides (2), a pair of rails (3) and the stop (4) which secures proper position of brush holders. Sliding between the rails is the broach guide (5) which is held in upper position by the springs (6). Broaches are made of "2002" steel, hardened to HRC 62-64 on cutting edges, and come in sets of 3 or 5 (according to the number of holes). The first two sets have 13 cutting teeth, the third set has 10 cutting teeth and 3 sizing teeth. Cutting teeth are spaced 0.03 mm, sizing teeth are 0.05 mm wider than required hole dimensions. The broaching process is described as follows: (1) the jig is placed on the press table; (2) the proper jaw is screwed to the liner of the clamping device; (3) the hydraulic unit is engaged; (4) broaches are inserted into guides of the jig, the table is lifted and the broaches are clamped; (5) the jig is secured with screws and the table is lowered; (6) the brush holder (5) is secured with screws and the table is lowered, holes are pierced and clamping is placed on the jig; (7) the table is lifted, holes are pierced and the broached holder is stripped from broaches which rest in the guides. The table is lifted again, the broaches are clamped, chips are removed by an air blast, the table is lowered again and a new brush holder is placed on the jig. The described broaching method improves

Card 2/4

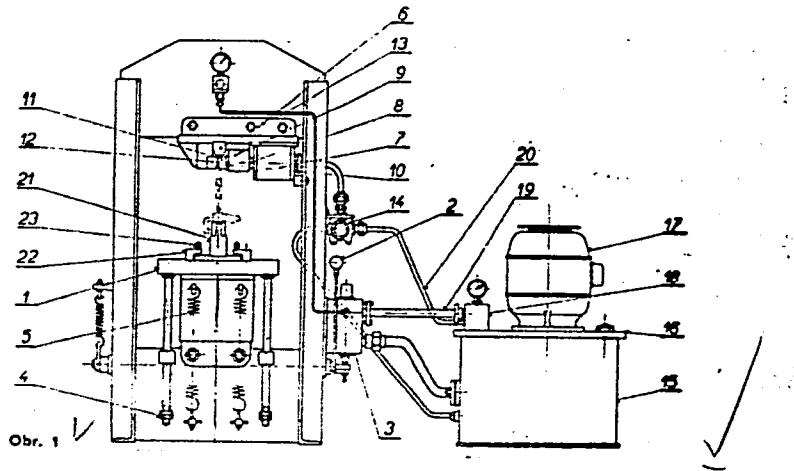
Machining of rectangular holes with a broach

Z/031/61/009/002/002/008
A205/A126

the quality and increases productivity 300 - 400%. There are 3 figures and 3 photos.

ASSOCIATION: ČKD Praha, n.p. závod Stalingrad

Fig. 1: Schematic diagram of
hydraulic press



Card 3/4

BLAHOVA, O.; MERTENOVA, J.; KROO, A.H.; SIXTOVA, E.

Care of patients with acute stenosing laryngotracheobronchitis.
Cesk. pediat. 19 no.5:412-415 My'64

1. Katedra detske otolaryngologie fakulty detskeho lekarstvi
KU [Karlovu universita] v Praze (prozatimmi vedouci: doc. dr.
J.Klos, CSc.) a Infekcni klinika v Praze 8-Bulovka (prednosta:
prof. dr. J. Prochazka, DrSc.)

COUNTRY	: Czechoslovakia	H-17
CATEGORY	:	
ASS. JOUR.	: RZKhis., no. 21 1959, no.	7577
EDITOR	: <u>Sixyja, P.</u> , Herold, M., Slechta, J., and Zajicek, J.	
TRANSL.	: Not given	
TITLE	: Study of the Technology of Submerged Fermentation	
CRIT. PUB.	: Kvasny Prumysl, 4, No 12, 275-278 (1958)	
ABSTRACT	: A description (with sketches) of laboratory fermenters and of auxiliary equipment is given and methods of using the equipment described which have led to good results in the development of processes for the production of several antibiotics (benzylpenicillin, phenoxypenicillin, streptomycin, chlorotetracycline, hydroxytetracycline, erythromycin, and fungicide) are discussed. From authors' summary	
Page	: 1/1	

SIYANITSKAYA, M.F., nauchnyy sotrudnik; SEYTS, I.F., prof.

Energy efficiency of respiration and the glycolysis of cancer cells.
Akt.vop.perel.krovi no.6:189-193 '58. (MIRA 13:1)

1. Laboratoriya biokhimii Leningradskogo instituta perelivaniya krovi.
(CANCER) (RESPIRATION) (GLYCOLYSIS)

SIYAMITSKAYA, M.F.; SEYTS, I.F.

Metabolism of phosphorus nucleic acids, phosphoproteins and
phospholipids in the cells of Ehrlich ascites tumor. Vop.onk.
7 no.12:3-8 '61. (MIRA 15:1)

1. Iz laboratorii biokhimii Leningradskogo nauchno-issledovatel'-
skogo instituta perelivaniya krovi (dir. - dots. A.D. Belyakov,
nauchn. rukovod. - chlen-korrespondent AMN SSSR prof. A.N. Filatov).
Adres avtorov: Leningrad, 2-ya Sovetskaya ul., 16, Institut
perelivaniya krovi.
(TUMORS) (NUCLEIC ACIDS) (PHOSPHATIDES) (PHOSPHOPROTEINS)

SIYANITSKAYA, M.F.; SEYTS, I.F.

Some qualitative characteristics of energy metabolism
in the cells of Ehrlich ascites carcinoma. Vop. med.
khim. 9 no.1:19-27 Ja-F '63. (MIRA 17:6)

1. Laboratoriya biokhimii Leningradskogo instituta perelivaniya
krovi.

SIYANITSKIY, F. M., SHUSTROV, A. K., ALEKSANDROV, P. M., KLEVANKIN, V. N.,
BORISKIN, M. M., LIL'F, G. M., ZIL'BEHMINTS, I. V., GUDNEVA, O. A.,
POPOV, S. C., DENISENKO, V. K., KOROVIN, F. T., GUTSEVICH, A. V.,
FEREFIL'YEV, P. P., POGODINA, E. A., FEDOROV, M. N. and SPRERANSKAYA, V. N.

"The Effectiveness of a Chemical Method for Combatting Arthropods
over Large Areas from Airplanes."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

(Leningrad - Moscow)

LISITSYN, F.T.; SIYANITSKIY, F.M.

Moist thermal method for disinfecting containers. Zashch.rast.
ot vred.i bol. 5 no. 3148-49 Mr '60. (MIRA 16:1)

1. Leningradskaya karantinnaya laboratoriya.
(Containers—Disinfection)

POLYAKOV, I.M.; KULIKOV, A.I.; SANKOV, Ye.A.; SIYANITSKIY, F.M.; VOLOKHOVA, Ye.S.

Experience in the use of fumigation for the disinfection of waste cottons. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1:167-168 '62.
(MIRA 15:3)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Cotton waste--Disinfection)

SIYANITSKIY, F.M., kand.biolog.nauk

Fumigating cotton in piles. Zashch. rast. ot vred. i bol. 8
no.2144-45 F '63. (MIRA 16:7)

1. Léningradskaya karantinnaya laboratoriya.
(Fumigation) (Cotton worm--Extermination)

SIYANKO, P.

In the apartments it is warm, light, and clean. Gor.khoz.Mosk. 31
no.10:15-16 0 '57. (MIRA 10:10)

1. Deputat Kuybyshevskogo rayonnogo Soveta.
(Moscow--Apartment houses)

CA SIYANOVA, A. K.

12

Isolation of DDT from food products. A. K. Siyanova.
Gigiena i Sanit. 1950, No. 6, 49-50.—The dried (100-400)^g specimen is extd. with hot alc. and the decolorized ext. is slowly evapd. to crystn. Microscopic examin. reveals DDT as bundles of strawlike crystals. Heating of the product with alc. and addn. of metallic Na followed by argentometric detn. of Cl is confirmatory. Nitration by NaNO₃ by evapn. from alc. soln., followed by warming the residuum with H₂SO₄ at 120°, with isolation of the poly-nitro deriv. by means of Et₂O and EtOH and treatment with MeONa soln. (violet color) or alc. NaOH (blue-violet) is a further confirmation of the presence of the benzene ring structure.
G. M. Kosolapoff

SIYANOVA, A.T., vrach (Moskovskaya oblast')

Form of work of the nurses of the Lotoshino District Consolidated Hospital. Med.sestra 19 no.1:23-24 Ja '60. (MIRA 13:5)
(LOTOSHINO DISTRICT--HOSPITALS--STAFF)

TARCHEVSKIY, I.A.; SIYANOVA, N.S.

Effect of drought on the postphotosynthetic transformation of
carbon in wheat leaves. Fiziol. rast. 9 no.5:534-541 '69. (MIRA 15:10)

1. Laboratory of Biophysic Kazan State University.
(Plants, Effect of aridity on) (Carbon--Isotopes)

L 16565-65 EWG(j)/EWG(r)/EWT(1)/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5/Fa-4/Pb-4

AMD DD

ACCESSION NR: AR4045751

S/0299/64/000/013/G006/G006

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 13G34

AUTHOR: Siyanova, N. S.; Zabotin, A. I.

TITLE: Effect of ammonia on photosynthesis. I. Intensity of
photosynthesis

CITED SOURCE: Sb. aspirantsk. rabot Kazansk. un-t. Yestestv. n.
Kazan', 1963, 6-10

TOPIC TAGS: photosynthesis, ammonia, plant

TRANSLATION: Investigations were conducted on 3 week old Saratovskiy 169 sunflower plants grown in a sandy culture on a Knop mixture with 60% of retainable moisture. The experimental plants were placed into a hermetically sealed system through which C^{14}O_2 was blown. The following NH_3 concentrations were produced in the chambers: 1:560, 1:280, 1:140, 1:56, 1:28, and 1:14. Photosynthesis intensity was determined by radioactivity decrease in the system. In all the variants under NH_3 action, photosynthesis increased for a

Card 1/2

16565-65

ACCESSION NR: AR4045751

short period, then markedly decreased, and then completely stopped. A dependence was established between a NH_3 concentration and duration of increased photosynthetic activity. The nonspecificity of NH_3 action on plant photosynthesis was shown.

SUB CODE: LS

ENCL: 00

Card 2/2

L 25781-65 EWG(j)/EWG(r)/EWT(l)/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5 DD

ACCESSION NR: AR5000951 S/0299/64/000/020/G002/G002

SOURCE: Ref. zh. Biologiya. Sv. t., Abs. 20G11

AUTHOR: Sivanova, N. S.

TITLE: Effect of ammonia on photosynthesis. ² II. Carbon-14 distribution of different compounds

CITED SOURCE: Fiziol. rasteniy, v. 11, no. 3, 1964, 432-435

TOPIC TAGS: plant, ammonia, photosynthesis, radioactive carbon, adenosine triphosphate, phosphorylation, molecular compound

TRANSLATION: The effect of ammonia on photosynthesis of sunflower leaves was investigated with Cl^{14}O_2 , two-dimensional paper chromatography, and autoradiography. With a 5 minute photosynthesis in the presence of ammonia and Cl^{14}O_2 , Cl^{14} activity in the sunflower leaves decreased markedly, especially when the plants wilted. Under the effect of the investigated ammonia doses, when plants had not yet wilted, photosynthetic absorption of Cl^{14}O_2 stopped completely and only dark assimilation of Cl^{14}O_2 took place. It is assumed that

Card 1/2

L 25781-65

ACCESSION NR: AR5000951

ammonia blocks ATP formation in photosynthetic phosphorylation. Carbon-14 activity in amino acids and especially in asparagine acid was found to increase under ammonia action compared to the control. As ammonia action on plants was increased, radioactivity of the high molecular compounds remained almost constant, although general radioactivity and radioactivity of the low molecular compounds decreased markedly. Kazanskiy Institute.

SUB CODE: LS

ENCL: 00

Card 2/2

SILE, L. [Sile,L.] (Riga)

Study of the influence of radiation treatment on the changes of
vitamin B₁ in persons sick with cancer. Vestis Latv ak no.12:
155-164 '59. (EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut eksperimental'noy
meditsiny.

(THIAMINE)

(RADIATION)

(CANCER)

SILE, L. [Sile, L.] (Riga)

N₁-methylnicotinamide and xanthurenic acid as indicators of providing the organism sick with cancer with vitamin B₆ during radiation treatment. In Russian. Vestis Latv ak no. 3:161-168 '60. (EEAI 10:7)

1. Akademiya nauk Latviyskoy SSR, In-t eksperimental'noy meditsiny.
(METHYLNICOTINAMIDE) (XANTHURENIC ACID) (VITAMIN B₆)
(CANCER) (RADIATION)

SIYLE, L. A.

Cand Med Sci - (diss) "Effect of ionizing radiation on the metabolism of vitamins B₁, B₂, and B₆ in patients with cancer. (Clinical and experimental studies)." Riga, 1961. 28 pp; with diagrams; (Riga Medical Inst); 300 copies; price not given; (KL, 5-61 sup, 206)

SIYM, A.Kh. [Siim, A.]; Prinimali uchastiye: Myannik, A. [Mannik, A];
SAABAS, L.; KOVAK, Kh.; LANG, A.L.; SATCHOK, Kh.

Effect of rutin on blood composition in guinea pigs and anemic rabbits.
Vit. res. i ikh isp. no.4:77-~~84~~ '59. (MIRA 14:12)

1. Estonskaya sel'skokhozyaystvennaya akademiya.
(RUTIN) (ERYTHROPOIESIS)

SIIM, Kh.M.

Apparatus for testing varnished surfaces. Khim.prom.no.1:38-40
Ja-F '54. (MLRA 7:4)

1. Institut energetiki Akademii nauk Estonskoy SSR.
(Varnish and varnishing)

SIYMUT, T. [Siimut, T.]

An interpolator for the transition to an equidistant curve.
Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 12 no.4:399-
405 '63. (MIRA 17:1)

1. Academy of Sciences of the Estonian S.S.R., Institute of
Cybernetics.

HÖDREJÄÄN, E.; OTT, R.; PIKSARV, A.; SIVRDE, A.; VARVAS, J.;
VILJOK, H.

[Laboratory work in general chemistry] Praktilisi töid
üldises keemias. Tallinn, Tallinna Polutehniline
Instituut, 1963. 153 p. (MIRA 17:6)

SIYRDE, A. K. Cand Tech Sci -- (diss) "Study of the Thermal
Decomposition of Dictyon ^{in slate} ~~schist~~." Tallin, 1957. 18 pp 20 cm.
(Min of Higher Education USSR, Tallin Polytechnic Inst), 150 copies
(KL, 27-57, 107)

- 40 -

SIBUL', S.F.; SIYRDE, E.K., dotsent, zaveduyushchiy.

Use of a cervical intracutaneous novocaine block in laryngeal tuberculosis.
Vest.oto-rin. 15 no.4:21-22 Jl-Ag '53. (MLB 6:9)

1. Kafedra bolezney ukha, gorla i nosa Tartuskogo universiteta.
(Novocaine) (Deglutition) (Larynx--Tuberculosis)

SIIRDE, E. K.

SIIRDE, E.K.; ALEV, H.G.; SIBUL, S.F.

Results of using various combinations of sleep therapy in
otolaryngology with functional disorders. Vest. oto-rin. 16
no.3:22-27 My-Je '54. (MLRA 7:7)

1. Iz kafedry bolezni ucha, gorla i nosa (zav. dotsent E.K.
Siirde) Tartuskogo universiteta na baze Respublikanskoy Tar-
tuskoy klinicheskoy bol'nitsy.

(SLEEP, therapeutic use,
*otorhinolaryngol. dis.)

(OTORHINOLARYNGOLOGY,

*otorhinolaryngol. dis., ther., sleep)

SIYRDE, E.K.; IYENTS, A.K.; GERASIMOVA, K.V.

Objective evaluation of hearing by the rhythm of respiratory movements [with summary in English]. Vest. oto-rin. 19 no.1:32-35
Ja-F '57 (MLRA 10:4)

1. Iz kafedry bolezney ukha, gorla i nosa tartuskogo universiteta.
(zav.-dotsent E.K. Siyrde)

(HEARING TESTS

threshold determ. by pneumographic registration of resp. movements) (Rus)

(RESPIRATION, physiol.

pneumographic registration of resp. movements in determ. of hearing threshold) (Rus)

S. y Rde, E. k.

PHASE I BOOK EXPLOITATION

SOV/6150

Akademiya nauk Latviyskoy SSR. Institut eksperimental'noy meditsiny.

Voprosy kurortologii. [t.] 5: Problemy fiziologicheskogo deystviya i terapeuticheskogo primeneniya aeroionov (Problems in Health-Resort Therapy. v. 5: Studies of the Physiological Effect and Therapeutic Application of Air Ions). Riga, Izd-vo AN Latviyskoy SSR, 1959. 424 p. (Series: Its: Trudy, t. 20) Errata slip inserted. 1000 copies printed.

Sponsoring Agency: Akademiya nauk Latviyskoy SSR. Institut eksperimental'noy meditsiny.

Editorial Board: Resp. Ed.: L. L. Vasil'yev, Professor, P. D. Perli, Professor, F. G. Portnov, Candidate of Medical Sciences, Ya. Yu. Reynet, Candidate of Physical and Mathematical Sciences, and L. M. Tutkevich, Candidate of Medical Sciences; Ed.: A. Vengranovich; Tech. Ed.: A. Zhukovskaya.

Card 1/7

25

Problems in Health-Resort (Cont.)

SOV/6150

PURPOSE: This book is intended for physicians working at health resorts and for the general practitioner.

COVERAGE: This book, a collection of articles, is essentially the proceedings of the Second Conference on the Physiological Effect and Therapeutic Application of Air Ions, held at Riga (Latvian SSR) in December 1957. The use of negative air ions is believed to be beneficial in the treatment of nonhealing wounds and ulcers which often result from radiation injury. The book contains photos of numerous devices described in the text. Numerous references, mostly Soviet, are given at the end of some of the articles.

TABLE OF CONTENTS [Abridged]:

Gerke, P. Ya. Introduction

3

Vasil'yev, L. L. Current Problems of the Physiological and Therapeutic Effect of Air Ions

5

Card 2/7

Problems in Health-Resort (Cont.)

SOV/6150

- Gazhala, Ye. M. Influence of Lightweight Air Ions Upon the Heart Muscle of a Rabbit Under Normal Conditions and With Experimental Diphtherial Myocarditis 187
- Fislyegin, A. K. The Biological Significance of Air Ions and Some Peculiarities of Their Effect Upon the Organism 195
- Liyepe, V. E. Influence of Various Doses of Air Ions Upon the Excitability of the Neuromuscular System 205
- Siyerde, E. K. Some Physiological Indices of the Effect of Negatively and Positively Ionized Atmospheric Gas and Water Molecules 215
- Zakke, I. F., O. Yu. Udris, I. F. Yaunkalns. Effect of Positive and Negative Air Ionization on the Cytology of the Blood and Connective Tissue of White Rats 221

Card 6/7

SIYRDE, E. K.

"The action of negative electro-aerosols in allergy and inflammation of the mucosa of the nose and in ozaena."

report submitted for the Seventh Intl. Congress of Otorhinolaryngology,
Paris, 23-29 July 1961

Tartu, USSR

SIYRDE, E.K. [Siirde, E.], dotsent; PRYULLER, P.K. [Pruller, P.], dotsent

Use of aerosols and electroaerosols in otorhinolaryngology.
Vest. oto-rin. 25 no.2:3-10 Mr-Ap '63. (MIRA 17:1)

1. Iz kafedry otorinolaringologii (zav. - dotsent E.K. Siyrde) i kafedry obshchey fiziki (zav. - kand. fiziko-matematicheskikh nauk K.F. Kudu) Tartusskogo gosudarstvennogo universiteta.

PRYULLER, P.K. [Pruller, P.]; RAUDAM, E.I.; REYNET, Ya.Yu. [Reinet, J.]
SIYRDE, E.K. [Siirde, E.]

Generation, physiological effect and therapeutic use of electro-
aerosols. Trudy Len. ob-va est. 74 no. 1:100-104 '63.
(MIRA 17:9)

SIYRDE, E.K. [Siirde,E.], doktor tekhn.nauk (Tallin); RAIKAS,
M.M., kand. tekhn.nauk (Tallin); TEPAKS, L.A., kand. tekhn.
nauk (Tallin); LOORITS, Kh.A. [Loorits, H.], kand. tekhn.
nauk (Tallin)

Some problems in the ozonization of drinking water.
Vod. i san. tekhn. no.2:1-3 F '65. (MIRA 18:4)

USSR/Chemical Technology - Chemical Products and Their
Application. Treatment of Solid Mineral Fuels.

I-7

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2477
Author : Siyrde, E.K., Rannak, E.D., Garbuzov, A.S., Raud, KH.K.
Inst : Tallin Polytechnic Institute
Title : Low Temperature Rectification of Shale Semicoking Gas.
Orig Pub : Tr. Tallinsk. politekhn. in-ta 1956, A, No 73, 86-93
Abstract : The composition is described of gases obtained on semico-
king of Estonian shale in tunnel ovens, as determined by
analyses according to the method of low-temperature rec-
tification.

Card 1/1

SIIRDE, E.K. [Siirde, E.K.]; ROMANKOV, P.G.

Investigation of the process of steam distillation. Zhur. prikl. khim. 31 no.12:1817-1823 D '58. (MIRA 12:2)

1. Tallinnskiy politekhnicheskiy institut.
(Distillation)

5.1160

75663
SOV/80-32-10-12/51

AUTHORS: Siyrde, E. K., Romankov, P. G.

TITLE: Investigation of Steam Distillation (Communication II)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 10, pp 2197-2207 (USSR)

ABSTRACT: This is a study of the variables affecting vaporization efficiency φ by means of dimensional analysis and experiment,

$$\varphi = \frac{P_1}{P_1^*}, \quad (3)$$

where P_1 is the actual partial pressure of the substance being distilled, and P_1^* is its equilibrium vapor pressure at the distillation temperature. The following substances were steam-distilled both in two- and three-phase systems: CCl_4 (bp 76.8°C), C_6H_6 (80.1),

Card 1/5

Investigation of Steam Distillation
(Communication II)

75663
SOV/80-32-10-12/51

$C_6H_5CH_3$ (110.8), $C_6H_4(CH_3)_2$ (139.3), turpentine (154-6), $C_6H_5NH_2$ (184.4), $C_6H_5NO_2$ (210.9), $C_{10}H_8$ (217.9), $C_{10}H_7OH$ (285-6), shale phenol (240-260), shale tar (300-320), oleic acid (360, decomposes). The following variables were studied individually, the other determining variables remaining constant: Fr ; M_1P_1/M_0P_0 ; μ_L/μ , γ_L/γ , and σ/γ_L ; S_A/S_0 ; h , and D_A/h_0 , where M_1 is the molecular weight of the substance being distilled, M_0 is the molecular weight of steam; S_A is the apparatus cross section; S_0 is the sum of the steam nozzle cross sections, D_A is the apparatus diameter; h_0 is the minimum liquid layer depth which will not affect φ ; σ is the surface tension; γ is the specific weight; and L refers to the liquid. M_1P_1/M_0P_0 , referred to as the composition cri-

Card 2/5

Investigation of Steam Distillation
(Communication II)

75663
SOV/80-32-10-12/51

terion, was experimentally shown to reflect the properties of the substance studied; consequently, the γ , μ , σ , and Pr of the distilling substance were dropped from consideration. Three regimes of bubbling were defined, and the following dimensionless formulas were derived. Bubble regime:

$$Pr^{-0.13} \left(\frac{M_1 P_1}{M_0 P_0} \right)^{-0.13} \left(\frac{S_A}{S_0} \right)^{0.28} \left(\frac{D_A}{h_0} \right)^{-0.48} > 0.84, \quad (22)$$

$$\varphi = 1.0. \quad (10)$$

foam regime:

$$0.84 > Fr^{-0.13} \left(\frac{M_1 P_1}{M_0 P_0} \right)^{-0.13} \left(\frac{S_A}{S_0} \right)^{0.28} \left(\frac{D_A}{h_0} \right)^{-0.48} > 0.735, \quad (23)$$

Card 3/5

$$\varphi = 1.17 Fr^{-0.13} \left(\frac{M_1 P_1}{M_0 P_0} \right)^{-0.13} \left(\frac{S_A}{S_0} \right)^{0.28} \left(\frac{D_A}{h_0} \right)^{-0.48} \quad (20)$$

Investigation of Steam Distillation
(Communication II)

75663
SOV/80-32-10-12/51

Jet regime:

$$Fr^{-0.13} \left(\frac{M_1 P_1}{M_0 P_0} \right)^{-0.13} \left(\frac{S_A}{S_0} \right)^{0.28} \left(\frac{D_A}{h_0} \right)^{-0.48} < 0.735 \quad (24)$$

$$\varphi = 5.52 Fr^{-0.48} \left(\frac{M_1 P_1}{M_0 P_0} \right)^{-0.48} \left(\frac{S_A}{S_0} \right)^{1.0} \left(\frac{D_A}{h_0} \right)^{-2.3} \quad (21)$$

The above inequalities were experimentally justified within the following ranges:

$$40 < \frac{S_A}{S_0} < 1785; \quad 1.485 < \frac{D_A}{h_0} < 4.25; \quad 0.18 < \frac{M_1 P_1}{M_0 P_0} < 22.4; \quad (25)$$

300 < Fr < 700 000.

Card 4/5

Investigation of Steam Distillation
(Communication II)

75663
SOV/80-32-10-12/51

Equations 19, 20, and 21 were also found applicable to the case of steam admittance through a grid; in this case S_0 is the sum of the grid openings. There are 3 tables; 10 figures; and 10 references, 1 German, 9 Soviet. One Soviet reference associated with Cary, James S., is a 1937 translation of John H. Perry's Chemical Engineering Handbook (U.S.).

ASSOCIATION: Tallin Polytechnic Institute (Tallinskiy politekhnicheskiy institut)

SUBMITTED: April 10, 1959

Card 5/5

L 3951-66 EWT(1)/EPA(s)-2
ACCESSION NR: AP5018221

UR/0105/65/000/007/0080/0083
621.313.226

AUTHOR: Siytan, U. Kh. (Engineer) (Tallin)

TITLE: Effect of the geometry of the printed-circuit armature of a disk-armature d-c motor upon its electromagnetic power

SOURCE: Elektrichestvo, no. 7, 1965, 80-83

TOPIC TAGS: printed armature motor

ABSTRACT: The effect of the disk-armature size and the geometrical proportions of printed conductors upon the motor electromagnetic power is theoretically studied. The problem of the motor optimization and the role of the armature-winding end connections are explored. It is found that the linkage between the working magnetic flux and the entire (including end connections) armature turn is expedient. There is a single optimal set of geometrical relations among the elements of the printed armature winding which corresponds to the maximum

Card 1/2

L 3951-66

ACCESSION NR: AP5018221

electromagnetic power of the motor. The electromagnetic power of geometrically similar disk armatures depends on the cube of the external winding radius. Orig. art. has: 6 figures, 34 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 03Jan65

ENCL: 00

SUB CODE: EE

NO REF SOV: 005

OTHER: 000

Card 2/2

DONAT, Tibor, dots.; SATYUKOVA, Galina, kand. med. nauk, dots.;
LEPP, Arne, assistent; SIZA, Mario, doktor [translator]
ERDI, K., otv. red.

[Explanatory anatomical dictionary; comparative synopsis
of the terms of the Basel, Jena and Paris nomenclatures
grouped by organs. Translated from the Hungarian] Tolkovyi
anatomicheskii slovar'; srovnitel'nyi obzor terminov Bazel'-
skoi, Ienskoi i Parizhskoi nomenklatury, sgruppirovannyykh po
organam. Budapest [Akad.nauk] 1964. 590 p.

(MIRA 17:12)

1. Kafedra anatomii Budapeshtskogo meditsinskogo universiteta
(for Donat).

IORDANIS, K.A.; SIZAN, Ye.P.

Comparative physiological data on delaying inhibition.
Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no.3:33-43 My-Je '62
(MIRA 15:6)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo
universiteta.

(CONDITIONED RESPONSE)

ACC NR: AT6036567

SOURCE CODE: UR/0000/66/000/000/0178/0179

AUTHOR: Zukhbaya, T. M.; Kalandarova, M. P.; Markelov, B. A.; Popova, N. A.; Sizan, Ye. P.; Khakhanova, N. L.

ORG: none

TITLE: The biological effect of 12 exposures to gamma irradiation on white mice
[Paper presented at the Conference on Problems of Space Medicine held in Moscow
from 24 to 27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy
kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii,
Moscow, 1966, 178-179

TOPIC TAGS: ionizing radiation biologic effect, central nervous system, radiation
sickness, mouse, radiation tolerance

ABSTRACT: Literature studies dealing with the effect of fractionated irradiation
on injury and recovery processes in the animal organism have produced
widely varying results. Furthermore, little data is available on the effect
of repeated irradiation with small doses in the course of a year. In this
series of experiments, 430 white mice were subjected to repeated monthly
gamma irradiation on a GOP-1 installation in a dose of 12.5 r (dose power
17 μ r/sec) with a total dose of 150 r/yr.

Card 1/2

ACC NR: AT6036567

A definite reaction of the hematopoietic system to irradiation was established. The most pronounced changes were observed in the white blood cell component. Study of the mitotic activity of corneal epithelium in experimental mice also showed a measurable reaction of the organism to irradiation. Chain motor conditioned reflexes in different periods after repeated irradiation indicate the sufficient compensation of radiation injuries in the central nervous system. Data from these experiments and results of statistical analysis indicate the existence of a definite reaction of white mice to twelve monthly gamma irradiations in the indicated dose. However, study of the dynamics of injury in a number of systems makes it seem possible that sufficiently complete recovery of the observed changes occurs owing to the compensatory mechanisms of the organism. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2

SIZAREVA, Ye.S. (Stalinogorsk)

Activities in the shop section. Sov.zdrav. 18 no.10:14-18 '59.
(MIRA 13:2)

1. Iz polikliniki Stalinogorskogo ordena Trudovogo Krasnogo Znameni
khimkombinata imeni I.V. Stalina.
(INDUSTRIAL MEDICINE)

BARSKIY, I.P.; SIZAREVA, Ye.S. (Stalinogorsk)

Improvement of working conditions in foundries. Gig. truda i
prof. zab. 4 no.1:43-44 Ja '60. (MIRA 15:3)

1. Gosudarstvennyy khimicheskiy kombinat imeni Stalina.
(FOUNDRIES--HYGIENIC ASPECTS)

SIZEMOV, B.

When work is undertaken in a friendly manner. Grazhd.av.13 no.12:9
D '56. (MLR 10:2)

(Communist youth league)

1. STZEMOV, K.
 2. USSR (600)
 4. "fficiency, Industrial
 7. Party organization in the struggle of economizing material resources. Za ekon. mat. no. 1: 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BIZEMOV, K.

Successful cooperation. Tech praca 15 no. 12: 997 D '63.

1. Podpredseda vyboru spolocnosti RSFSR "Znanie".

SIZEMOV, Ya., inzh. po podgotovke kadrov

Training of volunteer inspectors. Prof. tekh. obr. 19
no.7:31 J1 '62. (MIRA 15:12)

1. Stroitel'nyy trest No.11, Ryazan'.
(Quality control) (Building trades)

SIZEMOV, Ya.

University of technical knowledge. Prof.-tekh. obr. 21 no. 4:30
(MIRA 17:5)
Ap '64.

1. Nachal'nik otdela truda i zarabotnoy platy tresta Ryazan'stroy
No. 11.

SIZEMOVA, G. A.

USSR/Medicine - Influenza
Medicine - Diagnosis

Feb 1948

"Clinical Aspects of Toxic Influenza," Prof L. A. Rozen'yer, Omsk; G. A. Sizemova, Kislovodsk

"Klin Medits" Vol XXVI, No 2

Many differences in clinical aspects of toxic influenza, even goes to the point of differences in the classification of this disease. At present two types of grippe (influenza): epidemic or virus, and seasonal. Describes some of other methods for classifying grippe and discusses several cases

PA47T64

SIZEMOVA, G. A., VESELOV, YU. V.

"On the epidemiology and clinic of Omsk hemorrhagic fever."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

SIZEMOVA, G.A., dotsent

Hemorrhagic syndrome in patients with Omsk fever. Sov. med. 23 no.5:
81-83 My '59. (MIRA 12:7)

1. Iz knfedry detskikh infektsionnykh bolezney (zav. - dotsent G. A. Sizemova) Omskogo gosudarstvennogo meditsinskogo instituta imeni M. I. Kalinina.

(EPIDEMIC HEMORRHAGIC FEVER
Omsk fever (Rus))

SIZEMOVA, G.A.

Clinical aspects of Omsk hemorrhagic fever in laboratory infection.
Sov. med. 24 no. 5:105-110 My '60. (MIRA 13:10)

1. Zaveduyushchaya kafedroy detskikh infektsionnykh bolezney
Omskogo meditsinskogo instituta imeni M.I. Kalinina.
(EPIDEMIC HEMORRHAGIC FEVER)

Author: Dr. V. V. Gribanov, Omsk.

Geographical index of Encephalitis fever in men and mink rats in the winter period. Zhar. mikrobiol., epid. i immun. 41 no.11:134-136
'75. (MIRA 18:5)

1. Omskiy institut prirodnicheskikh infektsiy i Omskiy meditsinskiy institut imeni Kalinina.

CHIGRAY, I.D., inzh.; KUDRINA, A.P., inzh.; GUL'YEV, G.F., inzh.;
SIZENKO, A.S., inzh.

Preparation for the operation of an oxygen-blown converter
lined with unfired resin binder refractories. Stal' 25
no.4:325-326 Ap '65. (MIRA 18:11)

SIZENKO, S.P.

Methods for testing chemicals in experimental tumor therapy. Medysh.
zhur. 22 no.3:94-95 '52. (MIRA 11:2)

1. Kiivs'kiy rentgen-radiologichniy i onkologichniy institut
(TUMORS) (CHEMOTHERAPY) (BIOASSAY)

SIZENKO, S.P.

Effect of acid and alkaline diets upon the development of induced tumors.
Medich.shur. 22 no.4:33-36 '52. (MLRA 6:10)

1. Kvyive'kyy renthen-radiolohichnyy i onkolohichnyy instytut.
(Diet in disease) (Tumors)

"The role of thyroxine and methylthiouracil in the development of tumors induced by methylthiouracil."
Franceschini, G., et al., 1960, pp. 26-31.

In this experiment rats received 5 milligrams of methylthiouracile in paraffin injected under the skin. For a 1/2 months following this injection the animals were given every day in their food 40 milligrams thyroxine or 50 milligrams α -methylthiouracil. Of the rats getting thyroxine only one developed a tumor, but seven of 10 rats getting methylthiouracil developed tumors. The average latent period of tumor development by the "thyroxine" rats was 113 days, that of the "methylthiouracil" rats 46 days as compared to control rats. (Azpirol, no 2, 1954)

See: See. 402, 12 May 60

SIZENKO, S.P.

Present status and future problems in controlling dysentery
and silicosis. Medich.shur.24 no.2:92-96 '54.(MLRA 8:10)

(DYSENTERY, prevention and control,
in Russia)

(SILICOSIS, prevention and control,
in Russia)